RISHAV KUMAR

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Education

Graphic Era Deemed to be University   **Sep. 2020 – June 2024**
*Bachelor of Technology in Computer Science and Engineering(**CGPA: 8.77**)*   *Dehradun, Uttarakhand*

Work Experience

Oil and Natural Gas Corporation Limited(ONGC)   **July 2023 – Sept 2023**
Summer Trainee   *Dehradun, Uttarakhand*

- Contributed to project initiatives, delivering impactful solutions and gaining valuable industry insights
- Developed and deployed a cutting-edge full-stack web application leveraging React, MongoDB, Node.js, and Express.js optimized page load time by 50% and increased user engagement by 40% through seamless UI/UX enhancements.
- Advanced professionally through collaborative teamwork, leveraging diverse perspectives and collective efforts.
- Led a team of five members, showcasing effective leadership and teamwork skills in achieving project goals.

Projects

Interactive Web Development Playground | *Reactjs,Css,CodeMirror Library,Vercel*   ⬡| Link

- Created an Online Code Editor using React.js, CodeMirror library, and deployed on Vercel.
- Designed and implemented a ReactJS-based editor with real-time collaboration and syntax highlighting.
- Enhanced user experience with multiple themes using the CodeMirror library, improving both functionality and aesthetics.
- Integrated Git for version control, ensuring seamless collaboration and code management.
- Ensured responsive design for optimal performance across various devices.

Face Recognition Attendance System | *Python, Tkinter, OpenCV,LBPH MySQL*   ⬡|Link

- Implemented an efficient facial recognition attendance system using Python, LBPH algorithm, and MySQL database integration.
- Secure registration with password protection safeguards sensitive information and enhances privacy.
- Efficiently manage student records with automated CSV updates, ensuring accuracy and integrity.
- Designed a robust solution for automating attendance tracking, combining facial recognition technology and database management for streamlined record-keeping.
- Experience real-time attendance insights with live updates, fostering engagement and transparency.

Food Delivery Application using Reactjs | *Reactjs,Redux,MongoDB,Nodejs,Expressjs,Tailwind Css*   ⬡| Link

- Established a food delivery application utilizing React.js for the frontend and Node.js and Express.js for the backend.
- Crafted a responsive user interface with Tailwind CSS to ensure an optimal user experience across all devices.
- Smooth API integration with Node.js and Expressjs for user authentication, menu management, order processing, and tracking.
- Managed MongoDB for efficient storage and retrieval of menu items, user profiles, and order data.
- Dynamic data handling with MongoDB.
- Integrated Stripe payment gateway to ensure secure and efficient payment processing.

Technical Skills

Core: OOPS,Data Structures and Algorithms, Operating Systems, Database Management Systems.
Languages: C++,Java, C,Python, HTML/CSS, JavaScript,SQL
Developer Tools: VS Code, Eclipse, Pycharm, Android Studio
Technologies/Frameworks: Reactjs, Nodejs, Linux, Git, GitHub, WordPress, MongoDB

Achievements/Certification

- **Works as Cell Coordinator for NSS GEU**
- **Completed Google Cloud Fundamental Core Infrastructure Course** |Certificate
- **Contributed to an Open Source Project** |Certificate